FIG 1

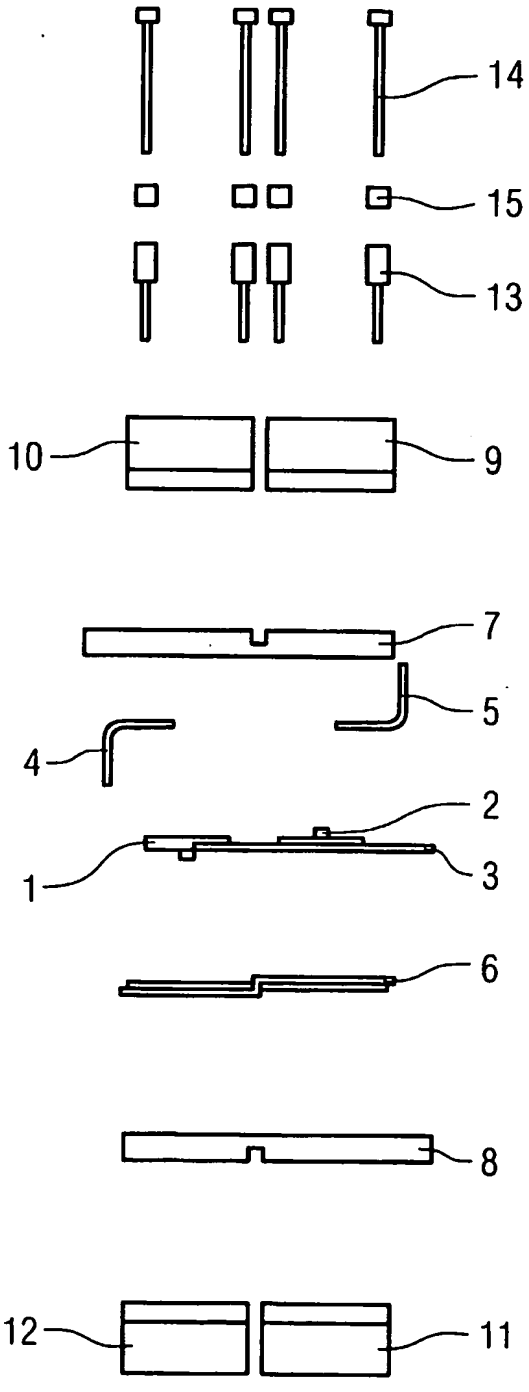

FIG 2

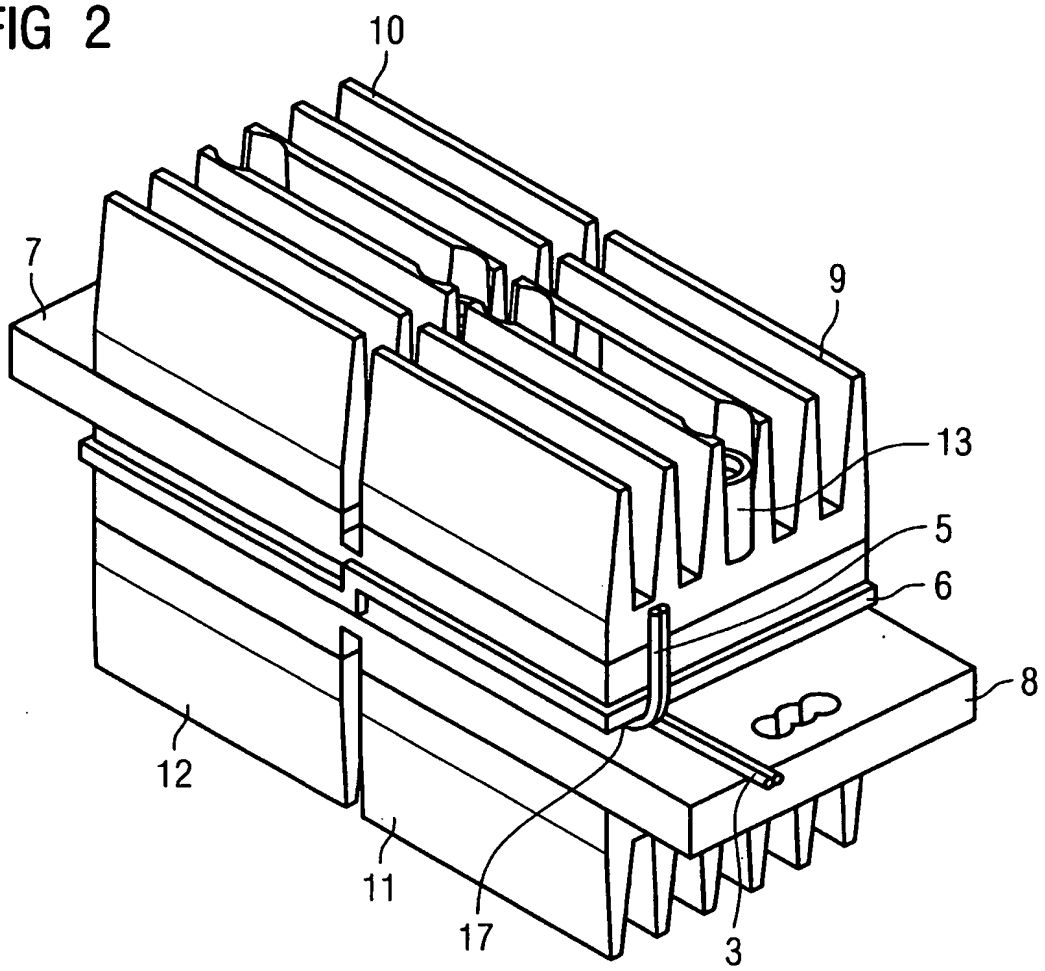

FIG 3

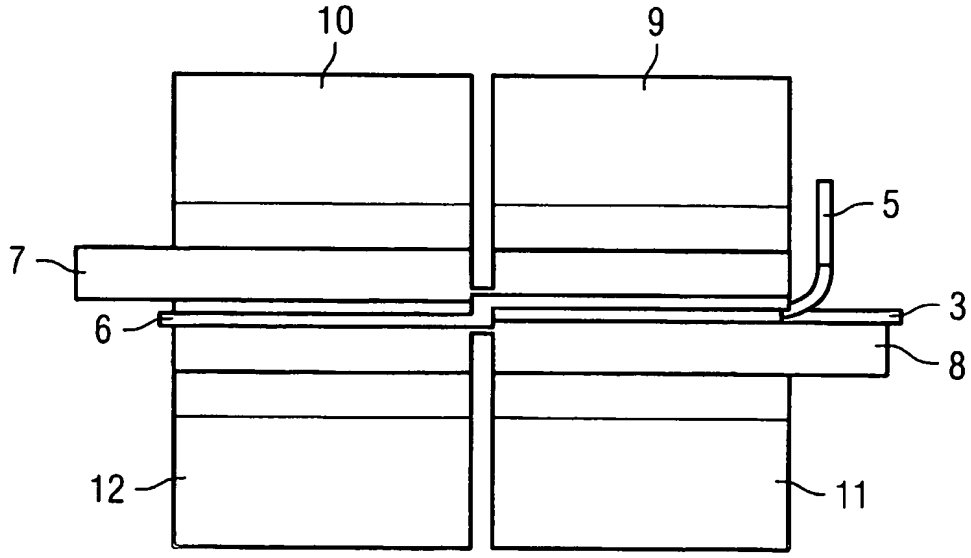

FIG 4

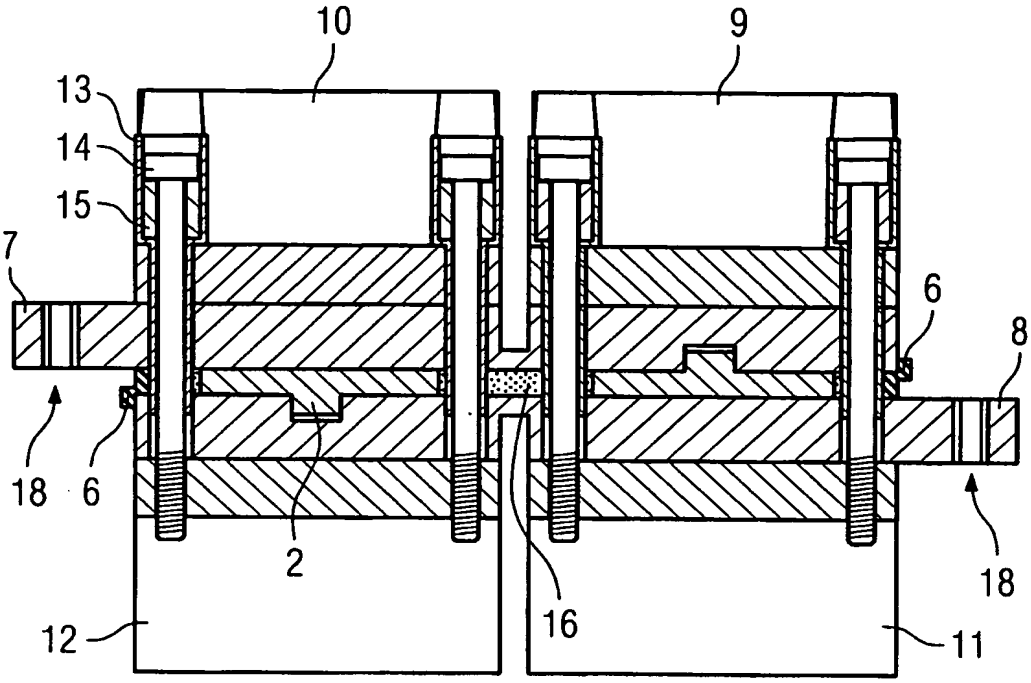
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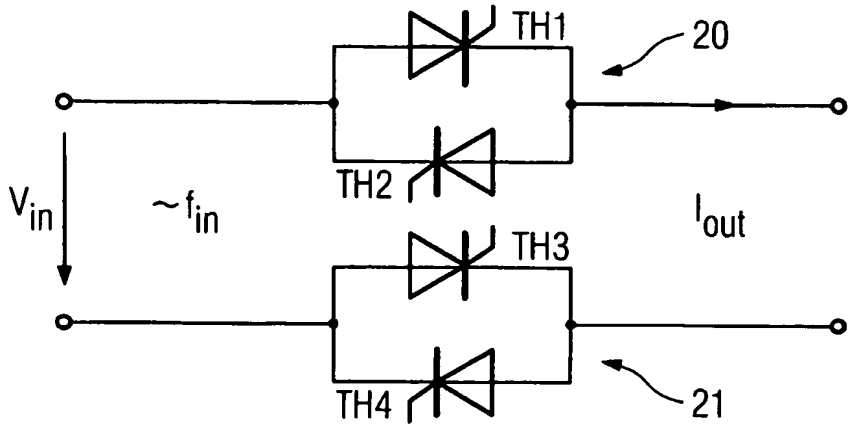
FIG 5


TH1
20
TH2
V_{in}
$\sim f_{in}$
I_{out}
TH3
TH4
21